



Missouri
Department of
Natural Resources

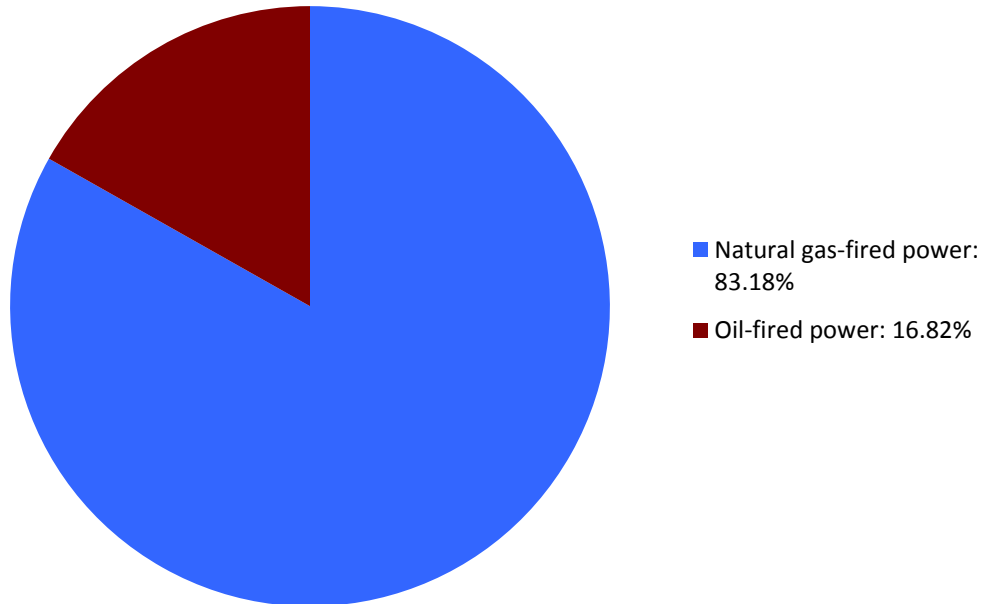
City of Poplar Bluff
Utility-Owned Electric Generation and Emissions in 2009

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated in 2009 (MWh)	Percent of Total	
Non-renewable sources						
Coal-fired power						
Natural gas-fired power	6,654	83.18%		606	83.18%	
Oil-fired power	1,346	16.83%		123	16.82%	
Nuclear power						
Other non-renewable power						
Non-renewable total	8,000	100.00%	100.00%	729	100.00%	100.00%
Renewable sources						
Hydroelectric Power						
Wind						
Waste and biomass						
Solar						
Geothermal						
Landfill Gas						
Renewable total	0	0.00%	0.00%	0	0.00%	0.00%
Grand total all sources	8,000		100.00%	729		100.00%

Fuel Type	Physical Units	Number of Units
Natural Gas	Mcf	6,049
Distillate Fuel Oil	Barrels	217



Net Generation by Fuel Type, 2009 for City of Poplar Bluff





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Emissions from Electricity Generated in 2009: City of Poplar Bluff

Plant	Carbon Dioxide (CO ₂) (Tons)	Carbon Monoxide (CO) (Tons)	Ammonia (NH ₃) (Tons)	Nitrogen Oxides (NO _x) (Tons)	Sulfur Dioxides (SO ₂) (Tons)
City of Poplar Bluff	371.62	0.83	0.03	3.89	0.10
Poplar Bluff Generating Station	371.62	0.83	0.03	3.89	0.10

Plant	Volatile Organic Compounds (VOC) (Tons)	Course Particulate Matter (PM ₁₀ Total) (Tons)	Fine Particulate Matter (PM _{2.5} Total) (Tons)	Mercury (Hg) (LBS)
City of Poplar Bluff	0.21	0.09	0.09	NV

'NV' = Emissions value not available.

Note: The data provided includes only generation and emissions from power plants owned by the utility. It does not include generation or emissions from power purchased by the utility and distributed to its customers.



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Pollution controls installed on plants operated by City of Poplar Bluff

SO2 Controls			
Plant	Control Equipment	Sorbent Type	Operational Efficiency
Poplar Bluff Generating Station	No SO2 Controls Installed		

NOX Controls				
Plant	Device Type	Description	Capture Efficiency	Control Efficiency
Poplar Bluff Generating Station	No NOX Controls Installed			



Missouri Power plants owned and operated by City of Poplar Bluff in 2009

Plant	County	Primary Fuel	Capacity (MW)	Net Generation (MWh)
Poplar Bluff Generating Station	Butler	Natural Gas	34	729

Data Sources

- Emissions Data: Missouri Department of Natural Resources, Air Pollution Control Program, Missouri Emissions Inventory System (MOEIS)
<http://www.dnr.mo.gov/env/apcp/moeis/emissionsreporting.htm>
- CO2 Emissions calculated by Missouri Department of Natural Resources, Division of Energy, from EIA Fuel Consumption Data
- Fuel Consumption and Generation Data: United States Energy Information Administration, Form 923, United States Department of Energy
http://www.eia.gov/cneaf/electricity/page/eia906_920.html